

# **ANALYTICAL REPORT**

Job Number: 720-25019-1

Job Description: Aspire Oakland

For: LFR, Inc. 1900 Powell St 12th Floor Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow

Approved for releas Afsaneh Salimpour Project Manager I 1/7/2010 4:22 PM

Afsaneh Salimpour Project Manager I afsaneh.salimpour@testamericainc.com 01/07/2010

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#### CA ELAP Certification # 2496

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A trip blank is required to be provided for volatile analyses. If trip blank results are not included in the report, either the trip blank was not submitted or requested to be analyzed.

# Job Narrative 720-25019-1

### Comments

No additional comments.

#### Receipt

All samples were received in good condition within temperature requirements.

#### Metals

No analytical or quality issues were noted.

## **General Chemistry**

No analytical or quality issues were noted.

## **EXECUTIVE SUMMARY - Detections**

Client: LFR, Inc. Job Number: 720-25019-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	g Units Method		
720-25019-12	COMPOSITE					
STLC Citrate Lead		8.3	1.0	mg/L	6010B	

### **METHOD SUMMARY**

Client: LFR, Inc. Job Number: 720-25019-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL SF	SW846 6010B	
California - Waste Extraction Test with Citrate Leach	TAL SF		CA-WET CA WET Citrate
Preparation, Total Recoverable or Dissolved Metals	TAL SF		SW846 3005A

### Lab References:

TAL SF = TestAmerica San Francisco

#### **Method References:**

CA-WET = California Waste Extraction Test, from Title 22

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## METHOD / ANALYST SUMMARY

Client: LFR, Inc. Job Number: 720-25019-1

Method	Analyst	Analyst ID
SW846 6010B	Monforte, Carl A	CAM

## **SAMPLE SUMMARY**

Client: LFR, Inc. Job Number: 720-25019-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-25019-12	COMPOSITE	Solid	12/21/2009 0000	01/04/2010 1306

# **SAMPLE RESULTS**

## **DATA REPORTING QUALIFIERS**

Lab Section Qualifier Description

Client: LFR, Inc. Job Number: 720-25019-1

## **QC Association Summary**

		Report			
Lab Sample ID	Client Sample ID	Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 720-63739					
MB 720-63739/1-D	Method Blank	С	Solid	CA WET Citrate	
MB 720-63739/10-B	Method Blank	С	Solid	CA WET Citrate	
720-24972-A-1-L MS	Matrix Spike	С	Solid	CA WET Citrate	
720-24972-A-1-M MSD	Matrix Spike Duplicate	С	Solid	CA WET Citrate	
720-25019-12	COMPOSITE	С	Solid	CA WET Citrate	
Prep Batch: 720-63941					
LCS 720-63941/2-A	Lab Control Sample	R	Water	3005A	
LCS 720-63941/8-A	Lab Control Sample	R	Water	3005A	
_CSD 720-63941/3-A	Lab Control Sample Duplicate	R	Water	3005A	
LCSD 720-63941/9-A	Lab Control Sample Duplicate	R	Water	3005A	
MB 720-63739/1-D	Method Blank	С	Solid	3005A	720-63739
MB 720-63739/10-B	Method Blank	С	Solid	3005A	720-63739
720-24972-A-1-L MS	Matrix Spike	С	Solid	3005A	720-63739
720-24972-A-1-M MSD	Matrix Spike Duplicate	С	Solid	3005A	720-63739
720-25019-12	COMPOSITE	С	Solid	3005A	720-63739
Analysis Batch:720-63976					
MB 720-63739/1-D	Method Blank	С	Solid	6010B	720-63941
MB 720-63739/10-B	Method Blank	С	Solid	6010B	720-63941
LCS 720-63941/2-A	Lab Control Sample	R	Water	6010B	720-63941
LCS 720-63941/8-A	Lab Control Sample	R	Water	6010B	720-63941
LCSD 720-63941/3-A	Lab Control Sample Duplicate	R	Water	6010B	720-63941
_CSD 720-63941/9-A	Lab Control Sample Duplicate	R	Water	6010B	720-63941
720-24972-A-1-L MS	Matrix Spike	С	Solid	6010B	720-63941
720-24972-A-1-M MSD	Matrix Spike Duplicate	С	Solid	6010B	720-63941
720-25019-12	COMPOSITE	С	Solid	6010B	720-63941

## Report Basis

C = STLC Citrate

R = Total Recoverable

## **Quality Control Results**

4 mL

Client: LFR. Inc. Job Number: 720-25019-1

Method Blank - Batch: 720-63941 Method: 6010B

Preparation: 3005A

Total Recoverable

80 - 120

**STLC Citrate** 

Lab Sample ID: MB 720-63739/1-D Analysis Batch: 720-63976 Instrument ID: Thermo 6500 ICP

Client Matrix: Solid Prep Batch: 720-63941 Lab File ID: N/A

Dilution: 2.5 Units: mg/L Initial Weight/Volume:

01/07/2010 1159 Date Analyzed: Final Weight/Volume: 40 mL

01/04/2010 0858 Date Leached: Leachate Batch: 720-63739

01/07/2010 0823

01/04/2010 1904

Date Prepared:

Date Leached:

Lead

Analyte Result Qual RL

Lead ND 1.0

Method Blank - Batch: 720-63941 Method: 6010B Preparation: 3005A

**STLC Citrate** 

Lab Sample ID: MB 720-63739/10-B Analysis Batch: 720-63976 Instrument ID: Thermo 6500 ICP

Client Matrix: Solid Prep Batch: 720-63941 Lab File ID: N/A

Dilution: 2.5 Units: mg/L Initial Weight/Volume: 4 mL

01/07/2010 1232 Date Analyzed: Final Weight/Volume: 40 mL

Date Prepared: 01/07/2010 0823 Leachate Batch: 720-63739

Analyte Result Qual RL

ND Lead 1.0

Lab Control Sample - Batch: 720-63941 Method: 6010B Preparation: 3005A

10.0

Lab Sample ID: LCS 720-63941/2-A Analysis Batch: 720-63976 Instrument ID: Thermo 6500 ICP

Client Matrix: Water Prep Batch: 720-63941 Lab File ID: N/A Dilution: 2.5 Units: mg/L Initial Weight/Volume: 4 mL

01/07/2010 1204 40 mL Date Analyzed: Final Weight/Volume: 01/07/2010 0823 Date Prepared:

% Rec. Limit Qual Analyte Spike Amount Result

10.3

103

Calculations are performed before rounding to avoid round-off errors in calculated results.

## **Quality Control Results**

Client: LFR. Inc. Job Number: 720-25019-1

Lab Control Sample/ Method: 6010B Lab Control Sample Duplicate Recovery Report - Batch: 720-63941 Preparation: 3005A

**Total Recoverable** 

LCS Lab Sample ID: LCS 720-63941/8-A Analysis Batch: 720-63976 Instrument ID: Thermo 6500 ICP

Client Matrix: Water Prep Batch: 720-63941 Lab File ID: N/A

Dilution: 2.5 Units: mg/L Initial Weight/Volume: 4 mL

01/07/2010 1237 Date Analyzed: Final Weight/Volume: 40 mL Date Prepared: 01/07/2010 0823

Thermo 6500 ICP LCSD Lab Sample ID: LCSD 720-63941/3-A Analysis Batch: 720-63976 Instrument ID:

Client Matrix: Water Prep Batch: 720-63941 Lab File ID: N/A

Units: mg/L Dilution: 2.5 Initial Weight/Volume: 4 mL

01/07/2010 1210 Date Analyzed: Final Weight/Volume: 40 mL Date Prepared: 01/07/2010 0823

% Rec. **RPD** Analyte LCS LCSD Limit RPD Limit LCS Qual LCSD Qual

80 - 120

0

20

Matrix Spike/ Method: 6010B Matrix Spike Duplicate Recovery Report - Batch: 720-63941 Preparation: 3005A

**STLC Citrate** 

103

Lead

Date Leached:

MS Lab Sample ID: 720-24972-A-1-L MS Analysis Batch: 720-63976 Instrument ID: Thermo 6500 ICP

102

Client Matrix: Prep Batch: 720-63941 Solid Lab File ID: N/A

Dilution: 2.5 Initial Weight/Volume: 4 mL 01/07/2010 1215 Date Analyzed: Final Weight/Volume: 40 mL

Date Prepared: 01/07/2010 0823

Leachate Batch: 720-63739 MSD Lab Sample ID: Instrument ID: Thermo 6500 ICP 720-24972-A-1-M MSD Analysis Batch: 720-63976

Client Matrix: Solid Prep Batch: 720-63941 Lab File ID: N/A

Dilution: 2.5 Initial Weight/Volume: 4 mL

Date Analyzed: 01/07/2010 1220 Final Weight/Volume: 40 mL

01/07/2010 0823 Date Prepared:

Date Leached: 01/04/2010 0858 Leachate Batch: 720-63739

01/04/2010 0858

% Rec. Analyte MS MSD Limit **RPD RPD Limit** MS Qual MSD Qual 104 80 - 120 Lead 102 1 20

Calculations are performed before rounding to avoid round-off errors in calculated results.

# Salimpour, Afsaneh

720-25019

From:

Goloubow. Ron [Ron.Goloubow@lfr.com]

Sent:

Monday, January 04, 2010 1:06 PM

To:

Salimpour, Afsaneh

Cc:

gseif@icsinc.tv

Subject: Aspire - Re analyses

720-24836-5 120-24836-5 Afseneh - as we discussed, please composite the soil samples on these lab sheets and run the composite for STLC lead?

We would need this on the accelerated turnaround.

Also Goody Seif if ICS will cover the cost of this analysis. He is cc'd to this email and his phone number is 510-671-1786

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# **Login Sample Receipt Check List**

Client: LFR, Inc. Job Number: 720-25019-1

Login Number: 25019 List Source: TestAmerica San Francisco

Creator: Mullen, Joan List Number: 1

Question	T / F/ NA Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A
The cooler's custody seal, if present, is intact.	N/A
The cooler or samples do not appear to have been compromised or tampered with.	True
Samples were received on ice.	True
Cooler Temperature is acceptable.	True
Cooler Temperature is recorded.	True
COC is present.	True
COC is filled out in ink and legible.	True
COC is filled out with all pertinent information.	True
There are no discrepancies between the sample IDs on the containers and the COC.	True
Samples are received within Holding Time.	True
Sample containers have legible labels.	True
Containers are not broken or leaking.	True
Sample collection date/times are provided.	True
Appropriate sample containers are used.	True
Sample bottles are completely filled.	True
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True
If necessary, staff have been informed of any short hold time or quick TAT needs	True
Multiphasic samples are not present.	True
Samples do not require splitting or compositing.	True
Is the Field Sampler's name present on COC?	True
Sample Preservation Verified	True